



## ***A Five-day National Workshop cum Faculty Development Programme on Advanced Computer Architecture Lab Using SimpleScalar Simulator***

(Jointly organized by JNTU CEK and CETB with Financial Support from TEQIP-III)

Aiming to enhance the skill sets in core subjects of students and faculty by providing hands on experience; JNTU College of Engineering Kakinada (JNTU CEK) in association with College of Engineering and Technology (CETB) is scheduled to organize A Five-day National Workshop cum Faculty Development Programme on *Advanced Computer Architecture Lab Using SimpleScalar Simulator at CET Bhubaneswar during 26-30 Sept. 2018* with financial support from Technical Education Quality Improvement Programme (TEQIP-III).

**TEQIP-III** : The Project, Third phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the Twelveth Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States (SCS) and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

### **Contents:**

- *SimpleScalar* processor simulator for in-order and out-of-order processors
- Trends in Serial Processor Architectures (Super Scalar Processors)
- Superscalar processors in details, explaining out-of-order execution, register renaming, etc
- System Benchmarking and Trends in Up-coming Processors etc.,

**Resource Persons:**Some of the Eminent people from Academics and Industry viz.,

Prof Madhu Mutyam, Professor of CSE, IIT Madras

Dr VCV Rao, Senior Director, HPC Tech Group, C-DAC, Pune

Prof MHM Krishna Prasad, Professor of CSE, JNTU CEK

Dr T R Chaitanya, Professor & HCSE, PITS

Dr. S Rao Chintalapudi, Associate Professor, Pragati Engineering College, Kakinada

**Registration Fee:** Rs. 1000/- for Faculty; Rs. 500/- for Students; Free for faculty / PG students from TEQIP-III colleges.

**Accommodation:** Limited Accommodation is available and provided at Guest House, CETB on first come first serve. **No TA / DA will be provided for participants.** Interested faculty / Students can apply / register using - <https://sites.google.com/view/wfdpaca/home> or by sending an e-mail to: [jntuk.cetb@gmail.com](mailto:jntuk.cetb@gmail.com) on or before 24<sup>th</sup> Sept. 2018. Acceptance will be mailed to the selected participants on 25 Sept. 2018

**Convenor/ Coordinator:**

**Prof MHM Krishna Prasad**, Professor of CSE, JNTU CEK;

e-mail: [krishnaprasad.mhm@gmail.com](mailto:krishnaprasad.mhm@gmail.com)

**Dr Subasish Mohapatra**, HCSE, CET, Bhubaneswar;

e-mail: [hodcse@cet.edu.in](mailto:hodcse@cet.edu.in)

Use the following link to register for the Programme

Workshop website: <https://sites.google.com/view/wfdpaca/home>